Listing of Claims:

Claims 1-18 (Canceled).

19.   (Currently Amended) A management object process unit comprising:

a control processing section for performing a control of selectively collecting a plurality of management objects from a
5   managed device; and

a memory section for storing management objects collected from the managed device;

wherein the control processing section includes an object managing section for:

10   (i) classifying the management objects into a first type having a collection time that is shorter than a reference collection time, and a second type having a collection time that is not shorter than the reference collection time;

          (ii) collecting the management objects of the first
15   type, and storing the collected management objects of the first type;

          ~~(ii)~~ (iii) performing, in response to an object collection request for a management object of the second type, a sequence of: (a) ~~collecting the management objects of the first~~
20   ~~type from the managed device, (b) storing the collected~~ ~~management objects, (c)~~ collecting the management ~~object~~ objects

-2-

of the requested second type after <u>completion of</u> the collection

of the management objects of the first type, and ~~(d)~~ <u>(b)</u>

transmitting the collected management ~~object~~ <u>objects</u> of the

25   second type; and

~~(iii)~~ <u>(iv)</u> performing, in response to an object

collection request for a management object of the first type, a

sequence of: (a) retrieving from the memory section the

management ~~object~~ <u>objects</u> of the requested first type, and

30   (b) transmitting the retrieved management ~~object~~ <u>objects of the</u>

<u>first type, such that the management objects of the first type</u>

<u>can be transmitted concurrently with the collection of the</u>

<u>management objects of the second type</u>.

20.   (Currently Amended) A management object process unit

comprising:

a control processing section for performing a control of

selectively collecting a plurality of management objects from a

5   managed device; and

a memory section for storing management objects collected

from the managed device; and

wherein the control processing section includes an object

managing section for:

10   (i) classifying the management objects into a first

type having a collection time that is shorter than a reference

-3-

collection time and having an access frequency that is higher

than a reference frequency, and a second type having at least one

of a collection time that is not shorter than the reference

15 collection time and an access frequency that is not higher than

the reference frequency;

(ii) collecting the management objects of the first

type, and storing the collected management objects of the first

type;

20 ~~(ii)~~ (iii) performing, in response to an object

collection request for a management object of the second type, a

sequence of: (a) ~~collecting the management objects of the first~~

~~type from the managed device; (b) storing the collected~~

~~management objects, (c)~~ collecting the management ~~object~~ objects

25 of the requested second type after completion of the collection

of the management objects of the first type, and ~~(d)~~ (b)

transmitting the collected management ~~object~~ objects of the

second type; and

~~(iii)~~ (iv) performing, in response to an object

30 collection request for a management object of the first type, a

sequence of: (a) retrieving from the memory section the

management ~~object~~ objects of the requested first type, and

(b) transmitting the retrieved management ~~object~~ objects of the

first type, such that the management objects of the first type

-4-

35   can be transmitted concurrently with the collection of the

management objects of the second type.

21.   (Currently Amended) A management object process unit

comprising:

a control processing section for performing a control of

selectively collecting a plurality of management objects from a

5   managed device; and

a memory section for storing management objects collected

from the managed device;

wherein the control processing section includes an object

managing section for:

10   (i) classifying the management objects into a first

type having a collection time that is shorter than a reference

collection time and having a value change frequency that is

higher than a reference frequency, and a second type having at

least one of a collection time that is not shorter than the

15   reference collection time and a value change frequency that is

not higher than the reference frequency;

(ii) collecting the management objects of the first

type, and storing the collected management objects of the first

type;

20   (ii) (iii) performing, in response to an object

collection request for a management object of the second type, a

-5-

sequence of: (a) ~~collecting the management objects of the first~~
~~type from the managed device; (b) storing the collected~~
~~management objects in the memory section; (c)~~ collecting the

25   management ~~object~~ objects of the requested second type after
completion of the collection of the management objects of the
first type, and ~~(d)~~ (b) transmitting the collected management
~~object~~ objects of the second type; and

            ~~(iii)~~ (iv) performing, in response to an object

30   collection request for a management object of the first type, a
sequence of: (a) retrieving from the memory section the
management ~~object~~ objects of the requested first type, and
(b) transmitting the retrieved management ~~object~~ objects of the
first type, such that the management objects of the first type

35   can be transmitted concurrently with the collection of the
management objects of the second type.

    22.   (Currently Amended) A machine readable recording medium
having a program for a management object process recorded
thereon, said process comprising:
            classifying the management objects into a first type having

5   a collection time that is shorter than a reference collection
time, and a second type having a collection time that is not
shorter than the reference collection time;

                              -6-

<u>collecting the management objects of the first type, and</u>

<u>storing the collected management objects of the first type;</u>

10   performing, in response to an object collection request for

a management object of the second type, a sequence of: (a)

~~collecting the management objects of the first type from the~~

~~managed device, (b) storing the collected management objects, (c)~~

collecting the management ~~object~~ <u>objects</u> of the requested second

15   type after <u>completion of</u> the collection of the management objects

of the first type, and ~~(d)~~ <u>(b)</u> transmitting the collected

management ~~object~~ <u>objects</u> of the second type; and

performing, in response to an object collection request for

a management object of the first type, a sequence of: (a)

20   retrieving from the memory section the management ~~object~~ <u>objects</u>

of the requested first type, and (b) transmitting the retrieved

management ~~object~~ <u>objects of the first type, such that the</u>

<u>management objects of the first type can be transmitted</u>

<u>concurrently with the collection of the management objects of the</u>

25   <u>second type</u>.

23. (Currently Amended) A machine readable recording medium

having a program for a management object process recorded

thereon, said process comprising:

classifying the management objects into a first type having

5   a collection time that is shorter than a reference collection

-7-

Application No. 09/626,820   Customer No. 01933
Amendment

time and having an access frequency that is higher than a

reference frequency, and a second type having at least one of a

collection time that is not shorter than the reference collection

time and an access frequency that is not higher than the

10   reference frequency;

collecting the management objects of the first type, and

storing the collected management objects of the first type;

performing, in response to an object collection request for

a management object of the second type, a sequence of: (a)

15   ~~collecting the management objects of the first type from the~~

~~managed device, (b) storing the collected management objects, (c)~~

collecting the management ~~object~~ objects of the requested second

type after completion of the collection of the management objects

of the first type, and ~~(d)~~ (b) transmitting the collected

20   management ~~object~~ objects of the second type; and

performing, in response to an object collection request for

a management object of the first type, a sequence of: (a)

retrieving from the memory section the management ~~object~~ objects

of the requested first type, and (b) transmitting the retrieved

25   management ~~object~~ objects of the first type, such that the

management objects of the first type can be transmitted

concurrently with the collection of the management objects of the

second type.

-8-

24. (Currently Amended)   A machine readable recording medium

having a program for a management object process recorded

thereon, said process comprising:

classifying the management objects into a first type having

5   a collection time that is shorter than a reference collection

time and having a value change frequency that is higher than a

reference frequency, and a second type having at least one of a

collection time that is not shorter than the reference collection

time and a value change frequency that is not higher than the

10   reference frequency;

collecting the management objects of the first type, and

storing the collected management objects of the first type;

performing, in response to an object collection request for

a management object of the second type, a sequence of: (a)

15   ~~collecting the management objects of the first type from the~~

~~managed device, (b) storing the collected management objects in~~

~~the memory section, (c)~~ collecting the management ~~object~~ objects

of the requested second type after completion of the collection

of the management objects of the first type, and ~~(d)~~ (b)

20   transmitting the collected management ~~object~~ objects of the

second type; and

performing, in response to an object collection request for

a management object of the first type, a sequence of: (a)

retrieving from the memory section the management ~~object~~ objects

-9-

25   of the requested first type, and (b) transmitting the retrieved

management ~~object~~ <u>objects of the first type, such that the</u>

<u>management objects of the first type can be transmitted</u>

<u>concurrently with the collection of the management objects of the</u>

<u>second type</u>.

-10-